

PATENT
Serial No. 09/664,858
Attorney Docket No. 450100-02719

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An information processing apparatus, comprising:

a receiver to receive a first type of information from a plurality of different types of information as a transport stream;

a first storage element to store a plurality of programs corresponding to a plurality of different methods capable of processing said plurality of different types of information;

a second storage element;

a program selector to select a method from said plurality of different methods for processing said first type of information, said program selector selecting different methods for different types of information using a semaphore signal that monitors the transport stream, said selector configured to store said method in said second storage element; and

a processor to process and control said first type of information by reading a program corresponding to said method stored in said second storage element.

2. (Previously Presented) An information processing apparatus according to Claim 1, wherein said first storage element includes an updating element for updating said plurality of programs.

3. (Canceled)

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4. (Previously Presented) An information processing apparatus according to Claim 1, wherein said processor converts the format of said first type of information into a different transport stream format.

5. (Previously Presented) An information processing apparatus according to Claim 1, wherein said plurality of different types of information includes multiplexed signals composed of images, sounds, and data.

6. (Previously Presented) An information processing apparatus according to Claim 5, wherein said processor operates to separate a multiplexed signal to output said first type of information received by said receiver.

7. (Previously Presented) An information processing apparatus according to Claim 1, wherein said plurality of different types of information includes a satellite broadcast signal, a terrestrial broadcast signal, a community antenna television signal, and a signal input from an external unit.

8. (Currently Amended) An information processing method, comprising:
receiving a first type of information from a plurality of different types of information as a transport stream;
storing a plurality of programs corresponding to a plurality of different methods capable of processing said plurality of different types of information;

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selecting a method from said plurality of different methods for processing said first type of information, said program selector selecting different methods for different types of information using a semaphore signal that monitors the transport stream; and
processing said first type of information by reading a program corresponding to said method.

9. (Previously Presented) An information processing method according to Claim 8, further comprising updating said plurality of programs.

10. (Canceled)

11. (Previously Presented) An information processing method according to Claim 9, wherein said processing includes converting the format of said first type of information into a different transport stream format.

12. (Previously Presented) An information processing method according to Claim 9, wherein said plurality of different types of information includes multiplexed signals composed of images, sounds, and data.

13. (Previously Presented) An information processing method according to Claim 12, wherein said processing includes separating a multiplexed signal to output said first type of information.

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14. (Previously Presented) An information processing method according to Claim 9, wherein said plurality of different types of information includes a satellite broadcast signal, a terrestrial broadcast signal, a community antenna television signal, and a signal input from an external unit.

15. (Currently Amended) A computer-readable recording medium containing a program for controlling an apparatus to execute the steps of:

receiving a first type of information from a plurality of different types of information as a transport stream;

storing a plurality of programs corresponding to a plurality of different methods capable of processing said plurality of different types of information;

selecting a method from said plurality of different methods for processing said first type of information, said program selector selecting different methods for different types of information using a semaphore signal that monitors the transport stream; and

processing said first type of information by reading a program corresponding to said method.

16. (Canceled)

17. (Previously Presented) A computer-readable recording medium according to Claim 15, wherein said plurality of different types of information includes multiplexed signals composed of images, sounds, and data.

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18. (Previously Presented) A computer-readable recording medium according to Claim 17, wherein said processing includes separating a multiplexed signal to output said first type of information.

19. (Previously Presented) A computer-readable recording medium according to Claim 15, wherein said plurality of different types of information includes a satellite broadcast signal, a terrestrial broadcast signal, a community antenna television signal, and a signal input from an external unit.

20. (Previously Presented) An information processing apparatus according to Claim 1, wherein said second storage element includes an instruction memory for storing said program.

21. (Previously Presented) An information processing apparatus according to Claim 20, further comprising:

an instruction decoder for interpreting instructions of said program stored in said instruction memory.